CMS Simulation (LHE) 13 TeV 0.04 Fraction of events / 0.1 $pp \rightarrow h \rightarrow 2n_{_{1}} \rightarrow 2n_{_{D}} + 2~\gamma_{_{D}} \rightarrow 2n_{_{D}} + 4\mu$ $m_h = 125 \text{ GeV}, m_{n_e} = 10 \text{ GeV}, m_{n_e} = 1 \text{ GeV}$ 0.035 $m_{\gamma_{_{D}}} = 0.250$ GeV, $c\tau_{\gamma_{_{D}}} = 0.00$ mm 1st n_D (leading p_T) 0.03 $-2nd n_D$ 0.025 0.02 0.015 0.01 0.005 -3 3 -5